Title (en)

Fixation assembly for a bearing ring on a fork of a universal joint

Title (de)

Fixierungsanordnung für Lagerbuchsen an einer Kreuzgelenkgabel

Title (fr)

Ensemble de fixation pour une bague de roulement sur la fourchette d'un joint universel

Publication

EP 1788268 A3 20091230 (DE)

Application

EP 06019214 A 20060914

Priority

DE 102005055397 A 20051117

Abstract (en)

[origin: EP1788268A2] The arrangement has a universal joint yoke (1) including two yoke arms (4). Each yoke arm has a through extending bearing bore (7), a circular arc groove (12) off-set toward the yoke base and securing recess on an outer face (5). Each securing element (16) for each yoke arm includes an engagement portion (17) to engage with the groove, and securing portion that projects from the securing element. The securing portion engages the securing recess and secures the securing elements against rotation around center. The securing portion retains the securing elements on the universal joint yoke.

IPC 8 full level

F16D 3/38 (2006.01)

CPC (source: EP US)

F16D 3/385 (2013.01 - EP US)

Citation (search report)

- [XYI] US 5417613 A 19950523 - AIKEN ALBERT [US]
- [X] GB 428272 A 19350509 - CLEVELAND STEEL PRODUCTS CORP
- [XY] FR 2568962 A1 19860214 - GLAENZER SPICER SA [FR]
- [AD] EP 1431604 A1 20040623 - SPICER GELENKWELLENBAU GMBH [DE]

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

EP 1788268 A2 20070523; EP 1788268 A3 20091230; EP 1788268 B1 20110504; AT E508290 T1 20110515; BR PI0604803 A 20070904; BR PI0604803 B1 20190514; CA 2564079 A1 20070517; CA 2564079 C 20110104; CN 100494718 C 20090603; CN 101344125 A 20090114; CN 101344125 B 20111228; CN 101344126 A 20090114; CN 101344126 B 20110608; CN 1991192 A 20070704; DE 102005055397 A1 20070531; DE 102005055397 B4 20121025; DE 502006009432 D1 20110616; ES 2361766 T3 20110622; PL 1788268 T3 20110831; RU 2006135852 A 20080420; RU 2329416 C1 20080720; US 2007111805 A1 20070517; US 7731592 B2 20100608

DOCDB simple family (application)

EP 06019214 A 20060914; AT 06019214 T 20060914; BR PI0604803 A 20061116; CA 2564079 A 20061016; CN 200610162491 A 20061117; CN 200810144363 A 20061117; CN 200810144364 A 20061117; DE 102005055397 A 20051117; DE 502006009432 T 20060914; ES 06019214 T 20060914; PL 06019214 T 20060914; RU 2006135852 A 20061010; US 58946206 A 20061030